

Advent Technologies is building the future in green energy and seeks engineers with background in developing new manufacturing processes, developing the automation and robotics systems to bring these processes to life, and having the scientific acumen to accurately characterize the results and drive new process technology innovation across the company. Multiple positions are anticipated across a range of educational backgrounds, and ideal candidates will have a breadth of interdisciplinary skills that may include:

- Skills and experience in conceiving new automation system architectures;
- 3D CAD proficiency, preferably in Solidworks, demonstrated by a rich portfolio of past accomplishments;
- Experience applying Finite Element Analysis to support system and process design;
- Experience integrating advanced process technologies including laser processing, ultrasonics, surface treatments and dispensing, coating, and web handling;
- Experience programming PLC's and Robot systems;
- Experience setting up and programming vision-based inspection systems;
- Solid hand-on prototyping skills;
- Experience operating 3D printers and capacity to recommend specific technologies based on the application;
- Solid understanding of electrical theory and hands on experience with basic instrumentation (DMM, oscilloscope).
- Experience designing, documenting, and building industrial control panels and cable assemblies;
- Experience integrating a wide range of sensors including pressure, flow, proximity, and precision gauging;
- Familiarity with compressed gas handling, plumbing, and leak checking is helpful;
- Understanding of and capacity to operate safely in a multidisciplinary development lab environment, including understanding of basic chemical and electrical safety protocols;



- Proficiency with MS Word, Excel, and PowerPoint;
- Experience planning and conducting Design of Experiments;
- Ability to communicate clearly with a multidisciplinary team is critical.

If you have experience with several of these competencies, please share a resume that highlights your experience. Advent is growing rapidly and has a start-up culture where high performing employees will enjoy great success. A positive can-do attitude is necessary to thrive in this fast-paced innovation-driven environment, and you must be able to interact with a multidisciplinary team of engineers, chemists, material scientists, and business leaders to positively impact the future of green energy for a brighter tomorrow.

Advent Technologies is an equal opportunity employer and welcomes applications from qualified contributors without regard for race, national origin, gender, gender identity, sexual orientation, protected veteran status, disability, age, or other legally protected status.

For consideration, please forward a resume. Thank you in advance for your interest in Advent Technologies.